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## LibAX5043 (AX5043 Support Library) Software Manual



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### APPLICATION NOTE

#### Introduction

LibAX5043 provides support functions for accessing the ON Semiconductor AX5043 radio chip. This library provides the higher level functions, while the basic interface setup and device probing functions are contained in LibMF. LibAX5043 is available in source and binary form for SDCC and Keil C51.

#### Radio Functions

*LIBAX5043.H*

UINT8\_T AX5043\_PLLRANGE(UINT8\_T RANGE)

This function performs auto-ranging of the PLL. range specifies the starting range. Unless special requirements dictate otherwise, a starting value of 8 is recommended. It returns the final range in bits 3:0, and an error flag in bit 4.

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